

These search results have not been confirmed by NIEHS and are therefore, not official. They are to be used only for general information and to inform the public and grantees on the breadth of research funded by NIEHS.

Viewing 41 publications

Print version (PDF)

(<http://www.niehs.nih.gov/portfolio/index.cfm/portfolio/sciencecodepubs/sc/73/topic/73/format/word>)

Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
2015 Guidelines for Establishing Genetically Modified Rat Models for Cardiovascular Research.	Flister, Michael J; Prokop, Jeremy W; Lazar, Jozef; Shimoyama, Mary; Dwinell, Melinda; Geurts, Aron; International Committee on Standardized Genetic Nomenclature for Mice; Rat Genome and Nomenclature Committee	J Cardiovasc Transl Res (2015 Jun)	8 / 269-77	PubMed Citation
A Nomogram Derived by Combination of Demographic and Biomarker Data Improves the Noninvasive Evaluat ...	Huang, Sijia; Kou, Lei; Furuya, Hideki; Yu, Changhong; Goodison, Steve; Kattan, Michael W; Garmire, Lana; Rosser, Charles J	Cancer Epidemiol Biomarkers Prev (2016 Sep)	25 / 1361-6	PubMed Citation
Brain Multimodality Monitoring: Updated Perspectives.	Roh, David; Park, Soojin	Curr Neurol Neurosci Rep (2016 Jun)	16 / 56	PubMed Citation
Building a National Neighborhood Dataset From Geotagged Twitter Data for Indicators of Happiness, Di ...	Nguyen, Quynh C; Li, Dapeng; Meng, Hsien-Wen; Kath, Suraj; Nsoesie, Elaine; Li, Feifei; Wen, Ming	JMIR Public Health Surveill (2016 Oct 17)	2 / e158	PubMed Citation
Chromosome Y genetic variants: impact in animal models and on human disease.	Prokop, J W; Deschepper, C F	Physiol Genomics (2015 Nov)	47 / 525-37	PubMed Citation
Combining Search, Social Media, and Traditional Data Sources to Improve Influenza Surveillance.	Santillana, Mauricio; Nguyen, André T; Dredze, Mark; Paul, Michael J; Nsoesie, Elaine O; Brownstein, John S	PLoS Comput Biol (2015 Oct)	11 / e1004513	PubMed Citation
Computational approaches to influenza surveillance: beyond timeliness.	Nsoesie, Elaine O; Brownstein, John S	Cell Host Microbe (2015 Mar 11)	17 / 275-8	PubMed Citation

Differences in the Phosphorylation-Dependent Regulation of Prenylation of Rap1A and Rap1B.	Wilson, Jessica M; Prokop, Jeremy W; Lorimer, Ellen; Ntantie, Elizabeth; Williams, Carol L	J Mol Biol (2016 Dec 04)	428 / 4929-4945	PubMed Citation
Discovering the truth about life after discharge: Long-term trauma-related mortality.	Callcut, Rachael A; Wakam, Glenn; Conroy, Amanda S; Kornblith, Lucy Z; Howard, Benjamin M; Campion, Eric M; Nelson, Mary F; Mell, Matthew W; Cohen, Mitchell J	J Trauma Acute Care Surg (2016 Feb)	80 / 210-7	PubMed Citation
Dopamine: Context and counterfactuals.	Platt, Michael L; Pearson, John M	Proc Natl Acad Sci U S A (2016 Jan 5)	113 / 22-3	PubMed Citation
DYNAMICALLY EVOLVING CLINICAL PRACTICES AND IMPLICATIONS FOR PREDICTING MEDICAL DECISIONS.	Chen, Jonathan H; Goldstein, Mary K; Asch, Steven M; Altman, Russ B	Pac Symp Biocomput (2016)	21 / 195-206	PubMed Citation
Effect of sampling rate and filter settings on High Frequency Oscillation detections.	Gliske, Stephen V; Irwin, Zachary T; Chestek, Cynthia; Stacey, William C	Clin Neurophysiol (2016 Sep)	127 / 3042-50	PubMed Citation
Emergence of Narrowband High Frequency Oscillations from Asynchronous, Uncoupled Neural Firing.	Gliske, Stephen V; Stacey, William C; Lim, Eugene; Holman, Katherine A; Fink, Christian G	Int J Neural Syst (2017 Feb)	27 / 1650049	PubMed Citation
Fulfilling outpatient medicine responsibilities during internal medicine residency: a quantitative s ...	Hom, Jason; Richman, Ilana; Chen, Jonathan H; Singh, Baldeep; Crump, Casey; Chi, Jeffrey	BMC Med Educ (2016 May 10)	16 / 139	PubMed Citation
Genetic Determinants of Drug Resistance in Mycobacterium tuberculosis and Their Diagnostic Value.	Farhat, Maha R; Sultana, Razvan; Iartchouk, Oleg; Bozeman, Sam; Galagan, James; Sisk, Peter; Stolte, Christian; Nebenzahl-Guimaraes, Hanna; Jacobson, Karen; Sloutsky, Alexander; Kaur, Devinder; Posey, James; Kreiswirth, Barry N; Kurepina,	Am J Respir Crit Care Med (2016 Sep 01)	194 / 621-30	PubMed Citation

	Natalia; Rigouts, Leen; Streicher, Elizabeth M; Victor, Tommie C; Warren, Robin M; van Soelingen, Dick; Murray, Megan			
Genome-scale hypomethylation in the cord blood DNAs associated with early onset preeclampsia.	Ching, Travers; Ha, James; Song, Min-Ae; Tiirikainen, Maarit; Molnar, Janos; Berry, Marla J; Towner, Dena; Garmire, Lana X	Clin Epigenetics ()	7 / 21	PubMed Citation
Global cerebral edema from hypercapnic respiratory acidosis and response to hyperosmolar therapy.	Roh, David; Merkler, Alexander E; Al-Mufti, Fawaz; Morris, Nicholas; Agarwal, Sachin; Claassen, Jan; Park, Soojin	Neurology (2016 Apr 19)	86 / 1556-8	PubMed Citation
Global distribution and environmental suitability for chikungunya virus, 1952 to 2015.	Nsoesie, Elaine O; Kraemer, Moritz Ug; Golding, Nick; Pigott, David M; Brady, Oliver J; Moyes, Catherine L; Johansson, Michael A; Gething, Peter W; Velayudhan, Raman; Khan, Kamran; Hay, Simon I; Brownstein, John S	Euro Surveill (2016 May 19)	21 /	PubMed Citation
Gyrase Mutations Are Associated with Variable Levels of Fluoroquinolone Resistance in Mycobacterium ...	Farhat, Maha R; Jacobson, Karen R; Franke, Molly F; Kaur, Devinder; Sloutsky, Alex; Mitnick, Carole D; Murray, Megan	J Clin Microbiol (2016 Mar)	54 / 727-33	PubMed Citation
Heterogeneous Effects of Housing Vouchers on the Mental Health of US Adolescents.	Nguyen, Quynh C; Rehkopf, David H; Schmidt, Nicole M; Osypuk, Theresa L	Am J Public Health (2016 Apr)	106 / 755-62	PubMed Citation
Individual clotting factor contributions to mortality following trauma.	Kunitake, Ryan C; Howard, Benjamin M; Kornblith, Lucy Z; Christie, Sabrinah A; Conroy, Amanda S; Cohen, Mitchell J;	J Trauma Acute Care Surg ()	/	PubMed Citation

Locally disordered methylation forms the basis of intratumor methylome variation in chronic lymphocyt ...	<p>Callcut, Rachael A</p> <p>Landau, Dan A; Clement, Kendall; Ziller, Michael J; Boyle, Patrick; Fan, Jean; Gu, Hongcang; Stevenson, Kristen; Sougnez, Carrie; Wang, Lili; Li, Shuqiang; Kotliar, Dylan; Zhang, Wandi; Ghandi, Mahmoud; Garraway, Levi; Fernandes, Stacey M; Livak, Kenneth J; Gabriel, Stacey; Gnirke, Andreas; Lander, Eric S; Brown, Jennifer R; Neuberg, Donna; Kharchenko, Peter V; Hacohen, Nir; Getz, Gad; Meissner, Alexander; Wu, Catherine J</p>	Cancer Cell (2014 Dec 8)	26 / 813-25	PubMed Citation
Lowered circulating aspartate is a metabolic feature of human breast cancer.	<p>Xie, Guoxiang; Zhou, Bingsen; Zhao, Aihua; Qiu, Yunping; Zhao, Xueqing; Garmire, Lana; Shvetsov, Yurii B; Yu, Herbert; Yen, Yun; Jia, Wei</p>	Oncotarget (2015 Oct 20)	6 / 33369-81	PubMed Citation
mirMark: a site-level and UTR-level classifier for miRNA target prediction.	<p>Menor, Mark; Ching, Travers; Zhu, Xun; Garmire, David; Garmire, Lana X</p>	Genome Biol (2014)	15 / 500	PubMed Citation
Monitoring disease trends using hospital traffic data from high resolution satellite imagery: a feas ...	<p>Nsoesie, Elaine O; Butler, Patrick; Ramakrishnan, Naren; Mekaru, Sumiko R; Brownstein, John S</p>	Sci Rep (2015)	5 / 9112	PubMed Citation
Mutations driving CLL and their evolution in progression and relapse.	<p>Landau, Dan A; Tausch, Eugen; Taylor-Weiner, Amaro N; Stewart, Chip; Reiter, Johannes G; Bahlo, Jasmin; Kluth, Sandra; Bozic, Ivana; Lawrence, Mike; Böttcher, Sebastian;</p>	Nature (2015 Oct 22)	526 / 525-30	PubMed Citation

	Carter, Scott L; Cibulskis, Kristian; Mertens, Daniel; Sougnez, Carrie L; Rosenberg, Mara; Hess, Julian M; Edelmann, Jennifer; Kless, Sabrina; Kneba, Michael; Ritgen, Matthias; Fink, Anna; Fischer, Kirsten; Gabriel, Stacey; Lander, Eric S; Nowak, Martin A; Döhner, Hartmut; Hallek, Michael; Neuberg, Donna; Getz, Gad; Stilgenbauer, Stephan; Wu, Catherine J			
Neural mechanisms of social decision-making in the primate amygdala.	Chang, Steve W C; Fagan, Nicholas A; Toda, Koji; Utevsky, Amanda V; Pearson, John M; Platt, Michael L	Proc Natl Acad Sci U S A (2015 Dec 29)	112 / 16012-7	PubMed Citation
Non-coding yet non-trivial: a review on the computational genomics of lincRNAs.	Ching, Travers; Masaki, Jayson; Weirather, Jason; Garmire, Lana X	BioData Min (2015)	8 / 44	PubMed Citation
Novel personalized pathway-based metabolomics models reveal key metabolic pathways for breast cancer ...	Huang, Sijia; Chong, Nicole; Lewis, Nathan E; Jia, Wei; Xie, Guoxiang; Garmire, Lana X	Genome Med (2016 Mar 31)	8 / 34	PubMed Citation
Pan-Cancer Analyses Reveal Long Intergenic Non-Coding RNAs Relevant to Tumor Diagnosis, Subtyping an ...	Ching, Travers; Peplowska, Karolina; Huang, Sijia; Zhu, Xun; Shen, Yi; Molnar, Janos; Yu, Herbert; Tiirikainen, Maarit; Fogelgren, Ben; Fan, Rong; Garmire, Lana X	EBioMedicine (2016 May)	7 / 62-72	PubMed Citation
Patient Outcomes when Housestaff Exceed 80 Hours per Week.	Ouyang, David; Chen, Jonathan H; Krishnan, Gomathi; Hom, Jason; Witteles, Ronald; Chi, Jeffrey	Am J Med (2016 Sep)	129 / 993-999.e1	PubMed Citation

Reconstruction of Zika Virus Introduction in Brazil.	Zinszer, Kate; Morrison, Kathryn; Brownstein, John S; Marinho, Fatima; Santos, Alexandre F; Nsoesie, Elaine O	Emerg Infect Dis (2017 Jan 15)	23 /	PubMed Citation
Similarities and differences of X and Y chromosome homologous genes, SRY and SOX3, in regulating the ...	Araujo, Fabiano C; Milsted, Amy; Watanabe, Ingrid K M; Del Puerto, Helen L; Santos, Robson A S; Lazar, Jozef; Reis, Fernando M; Prokop, Jeremy W	Physiol Genomics (2015 May)	47 / 177-86	PubMed Citation
Single-Cell Transcriptomics Bioinformatics and Computational Challenges.	Poirion, Olivier B; Zhu, Xun; Ching, Travers; Garmire, Lana	Front Genet (2016)	7 / 163	PubMed Citation
Spatial and Temporal Clustering of Chikungunya Virus Transmission in Dominica.	Nsoesie, Elaine O; Ricketts, R Paul; Brown, Heidi E; Fish, Durland; Durham, David P; Ndeffo Mbah, Martial L; Christian, Trudy; Ahmed, Shalauddin; Marcellin, Clement; Shelly, Ellen; Owers, Katharine; Wenzel, Natasha; Galvani, Alison P; Brownstein, John S	PLoS Negl Trop Dis (2015 Aug)	9 / e0003977	PubMed Citation
Suboptimal foraging behavior: a new perspective on gambling.	Addicott, Merideth A; Pearson, John M; Kaiser, Nicole; Platt, Michael L; McClernon, F Joseph	Behav Neurosci (2015 Oct)	129 / 656-65	PubMed Citation
Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation.	Gagliani, Nicola; Amezcua Vesely, Maria Carolina; Iseppon, Andrea; Brockmann, Leonie; Xu, Hao; Palm, Noah W; de Zoete, Marcel R; Licona-Limón, Paula; Paiva, Ricardo S; Ching, Travers; Weaver, Casey; Zi, Xiaoyuan; Pan, Xinghua; Fan, Rong;	Nature (2015 Jul 9)	523 / 221-5	PubMed Citation

	Garmire, Lana X; Cotton, Matthew J; Drier, Yotam; Bernstein, Bradley; Geginat, Jens; Stockinger, Brigitta; Esplugues, Enric; Huber, Samuel; Flavell, Richard A			
THE INTRINSIC VALUE OF HFO FEATURES AS A BIOMARKER OF EPILEPTIC ACTIVITY.	Gliske, Stephen V; Stacey, William C; Moon, Kevin R; Hero 3rd, Alfred O	Proc IEEE Int Conf Acoust Speech Signal Process (2016 Mar)	2016 / 6290-6294	PubMed Citation
The phenotypic impact of the male-specific region of chromosome-Y in inbred mating: the role of gene ...	Prokop, Jeremy W; Tsaih, Shirng-Wern; Faber, Allison B; Boehme, Shannon; Underwood, Adam C; Troyer, Samuel; Playl, Lauren; Milsted, Amy; Turner, Monte E; Ely, Daniel; Martins, Almir S; Tutaj, Marek; Lazar, Jozef; Dwinell, Melinda R; Jacob, Howard J	Biol Sex Differ (2016)	7 / 10	PubMed Citation
The Tumor-suppressive Small GTPase DiRas1 Binds the Noncanonical Guanine Nucleotide Exchange Factor ...	Bergom, Carmen; Hauser, Andrew D; Rymaszewski, Amy; Gonyo, Patrick; Prokop, Jeremy W; Jennings, Benjamin C; Lawton, Alexis J; Frei, Anne; Lorimer, Ellen L; Aguilera-Barrantes, Irene; Mackinnon, Alexander C; Noon, Kathleen; Fierke, Carol A; Williams, Carol L	J Biol Chem (2016 Mar 18)	291 / 6534-45	PubMed Citation
Using epigenomics data to predict gene expression in lung cancer.	Li, Jeffery; Ching, Travers; Huang, Sijia; Garmire, Lana X	BMC Bioinformatics (2015)	16 Suppl 5 / S10	PubMed Citation